

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	95	(reverse adj sandwich) with assay	USPAT	OR	OFF	2006/05/12 09:09
S2	22	S1 and (indirect\$ with label\$)	USPAT	OR	OFF	2006/05/12 09:11
S3	95	(reverse adj sandwich) with assay	USPAT	OR	OFF	2006/05/12 14:48
S4	22	S3 and (indirect\$ with label\$)	USPAT	OR	OFF	2006/05/12 12:10
S5	73	S3 not S4	USPAT	OR	OFF	2006/05/12 12:26
S6	73	S5 and (label\$ or tag)	USPAT	OR	OFF	2006/05/12 13:42
S7	22	S3 not S6	USPAT	OR	OFF	2006/05/12 13:44
S8	73	(reverse adj sandwich) and (amplification or amplify or amplified)	USPAT	OR	OFF	2006/05/12 13:50
S9	22	S8 and linker	USPAT	OR	OFF	2006/05/12 13:50
S10	22	S9 not S7	USPAT	OR	OFF	2006/05/12 13:50
S11	9	S9 not S5	USPAT	OR	OFF	2006/05/12 13:53
S12	123	(435/969).CCLS.	USPAT; USOCR	OR	OFF	2006/05/12 13:53
S13	1	S12 and (reverse adj sandwich)	USPAT	OR	OFF	2006/05/12 13:56
S14	4	S12 and ((sample or analyte) with (initial or initially) with (label or labelled or tag or tagged))	USPAT	OR	ON	2006/05/12 13:59
S15	0	((sample or analyte) with (initial or initially) with (label or labelled or tag or tagged)) and ((buildup or build-up) with label)	USPAT	OR	ON	2006/05/12 13:59
S16	20	((sample or analyte) with (initial or initially) with (label or labelled or tag or tagged)) and ((multiple) with label)	USPAT	OR	ON	2006/05/12 13:59
S17	9	S16 and (small with (sample or analyte))	USPAT	OR	ON	2006/05/12 14:04
S18	11	S16 not S17	USPAT	OR	ON	2006/05/12 14:05
S19	4	(biotin with build-up)	USPAT	OR	ON	2006/05/12 14:09
S20	67	(biotin with increas\$ with sensitivity)	USPAT	OR	ON	2006/05/12 14:14
S21	109	(reverse adj sandwich) same assay	USPAT	OR	OFF	2006/05/12 14:48
S22	9	S21 and (amplif\$ with antibody)	USPAT	OR	ON	2006/05/12 15:01
S23	3	S21 and ((preform or preformed) with antibody)	USPAT	OR	ON	2006/05/12 15:01
S24	137	(amplif\$ with antibody) with elisa	USPAT	OR	ON	2006/05/12 15:02
S25	15	S24 and (third with antibody)	USPAT	OR	ON	2006/05/12 15:02

## EAST Search History

S26	5568	(435/4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 16:59
S27	14	S26 and (pump or pumping) and (adsorptive)	USPAT	OR	OFF	2007/01/05 17:05
S28	534	S26 and (pump or pumping)	USPAT	OR	OFF	2007/01/05 17:05
S29	627	S26 and (pump or pumping)	USPAT	OR	ON	2007/01/05 17:05
S30	2568	(spot or spotting or pipette or pippetting) same (flow or flowing or pump or pumping) and (assay or biological or nucleic or antibody or dna or nucleotide)	USPAT	OR	OFF	2007/04/29 13:21
S31	5586	(spot or spotting or pipette or pippetting) same (flow or flowing or pump or pumping) and (assay or biological or nucleic or antibody or dna or nucleotide)	US-PGPUB; USPAT	OR	OFF	2007/04/29 13:22
S32	0	S31 and (porous with adsorptvie)	US-PGPUB; USPAT	OR	OFF	2007/04/29 13:22
S33	15	S31 and (porous with adsorptive)	US-PGPUB; USPAT	OR	OFF	2007/04/29 13:46
S34	92	S31 and (adsorptive)	US-PGPUB; USPAT	OR	OFF	2007/04/29 13:46

## EAST Search History

S26	0	(pre-labeled with analyte) and elisa	USPAT	OR	OFF	2006/05/01 10:48
S27	170	(pre-labeled with (protein or antibody)) and elisa	USPAT	OR	OFF	2006/05/01 10:49
S28	0	(pre-labeled with antigen with antibody) and elisa	USPAT	OR	OFF	2006/05/01 10:49
S29	1	(pre-label\$ with antigen with antibody) and elisa	USPAT	OR	OFF	2006/05/01 10:49
S30	133	(analyte with label with complex) and (antibody with enzyme with complex) and (elisa or sandwich or enzyme-linked or (enzyme adj linked))	US-PGPUB; USPAT	OR	ON	2006/05/01 12:15
S31	91	S30 not @ay>"2002"	USPAT	OR	OFF	2006/05/01 11:03
S32	1	("4235960").PN.	USPAT; USOCR	OR	OFF	2006/05/01 11:03
S33	1	("4624930").PN.	USPAT; USOCR	OR	OFF	2006/05/01 12:16
S34	1	("4343896").PN.	USPAT; USOCR	OR	OFF	2006/05/01 13:07
S35	1	("4034074").PN.	USPAT; USOCR	OR	OFF	2006/05/01 13:17
S36	2	("2190490").PN.	USPAT; USOCR	OR	OFF	2006/05/01 13:18
S37	1	("4496654").PN.	USPAT; USOCR	OR	OFF	2006/05/01 15:22
S38	34714	(biotin or biotinylated) with (analyte or oligonucleotide or nucleic or protein or antibody)	US-PGPUB; USPAT	OR	ON	2006/05/01 15:25

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(labeled adj analyte) with (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:14
S2	0	(labeled adj analyte) same (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:14
S3	3	(labeled adj analyte) and (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:15
S4	0	(labeled adj analyte) with (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:18
S5	0	(labeled adj analyte) same (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:18
S6	3	(labeled adj analyte) and (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:18
S8	3	(label\$ with analyte) and (triple with sandwich)	USPAT	OR	OFF	2006/05/01 10:18
S9	76	(label\$ with analyte) and (double with sandwich)	USPAT	OR	OFF	2006/05/01 10:21
S10	0	("10426386").PN.	USPAT; USOCR	OR	OFF	2006/05/01 10:22
S11	1	("5040890").PN.	USPAT; USOCR	OR	OFF	2006/05/01 10:29
S12	114	(precomplex or (immobilization with complex)) and (elisa or (enzyme-linked) or (enzyme adj linked))	USPAT	OR	OFF	2006/05/01 10:30
S13	112	S12 not @ay>"2002"	USPAT	OR	OFF	2006/05/01 11:00
S14	30	S13 and (analyte with complex)	USPAT	OR	OFF	2006/05/01 10:42
S15	19	triple with elisa	USPAT	OR	OFF	2006/05/01 10:59
S16	0	S15 and (preformed or preform)	USPAT	OR	OFF	2006/05/01 10:45
S17	0	S15 and (precomplex or pre-complex or (immobilized with complex))	USPAT	OR	OFF	2006/05/01 10:45
S18	0	S15 and (label\$ with analyte)	USPAT	OR	OFF	2006/05/01 10:46
S19	0	S15 and (isolat\$ with analyte)	USPAT	OR	OFF	2006/05/01 10:46
S20	0	S15 and (purif\$ with analyte)	USPAT	OR	OFF	2006/05/01 10:46
S21	0	S15 and (pre-labeled)	USPAT	OR	OFF	2006/05/01 10:47
S22	207	(pre-labeled) and elisa	USPAT	OR	OFF	2006/05/01 10:48
S23	0	(pre-labeled) and (elisa with double)	USPAT	OR	OFF	2006/05/01 10:47
S24	2	(pre-labeled) and (sandwich with double)	USPAT	OR	OFF	2006/05/01 10:47
S25	0	(pre-labeled with antigen) and elisa	USPAT	OR	OFF	2006/05/01 10:48